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LOGINID:sssptal600kxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

| | | | |
|--------------|----|--------|--|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | | "Ask CAS" for self-help around the clock |
| NEWS | 3 | SEP 09 | CA/CAPLUS records now contain indexing from 1907 to the present |
| NEWS | 4 | DEC 08 | INPADOC: Legal Status data reloaded |
| NEWS | 5 | SEP 29 | DISSABS now available on STN |
| NEWS | 6 | OCT 10 | PCTFULL: Two new display fields added |
| NEWS | 7 | OCT 21 | BIOSIS file reloaded and enhanced |
| NEWS | 8 | OCT 28 | BIOSIS file segment of TOXCENTER reloaded and enhanced |
| NEWS | 9 | NOV 24 | MSDS-CCOHS file reloaded |
| NEWS | 10 | DEC 08 | CABA reloaded with left truncation |
| NEWS | 11 | DEC 08 | IMS file names changed |
| NEWS | 12 | DEC 09 | Experimental property data collected by CAS now available in REGISTRY |
| NEWS | 13 | DEC 09 | STN Entry Date available for display in REGISTRY and CA/CAPLUS |
| NEWS | 14 | DEC 17 | DGENE: Two new display fields added |
| NEWS | 15 | DEC 18 | BIOTECHNO no longer updated |
| NEWS | 16 | DEC 19 | CROPU no longer updated; subscriber discount no longer available |
| NEWS | 17 | DEC 22 | Additional INPI reactions and pre-1907 documents added to CAS databases |
| NEWS | 18 | DEC 22 | IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields |
| NEWS | 19 | DEC 22 | ABI-INFORM now available on STN |
| NEWS EXPRESS | | | DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003 |
| NEWS HOURS | | | STN Operating Hours Plus Help Desk Availability |
| NEWS INTER | | | General Internet Information |
| NEWS LOGIN | | | Welcome Banner and News Items |
| NEWS PHONE | | | Direct Dial and Telecommunication Network Access to STN |
| NEWS WWW | | | CAS World Wide Web Site (general information) |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:24:35 ON 26 JAN 2004

=> file pctfull uspatfull europatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'PCTFULL' ENTERED AT 18:25:06 ON 26 JAN 2004

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FILE 'USPATFULL' ENTERED AT 18:25:06 ON 26 JAN 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EUROPATFULL' ENTERED AT 18:25:06 ON 26 JAN 2004

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=> s G1(3a)G2

L1 19497 G1(3A) G2

=> s l1(s)(detecting or diagnos3)

3) IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l1(s)(detecting or diagnos?)

L2 470 L1(S) (DETECTING OR DIAGNOS?)

=> s l2(s)(cancer? or tumor? or tumour? or malignan?)

L3 29 L2(S) (CANCER? OR TUMOR? OR TUMOUR? OR MALIGNAN?)

=> d ibib tot

L3 ANSWER 1 OF 29

PCTFULL COPYRIGHT 2004 Univentio on STN

ACCESSION NUMBER:

2001055346 PCTFULL ED 20020827

TITLE (ENGLISH):

SYSTEM FOR THE INTERNAL QUALITATIVE AND QUANTITATIVE
VALIDATION OF MARKER INDICES

TITLE (FRENCH):

SYSTEME DESTINE A LA VALIDATION QUALITATIVE ET
QUANTITATIVE D'INDICES DE MARQUEURS

INVENTOR(S):

GERDES, Johannes

PATENT ASSIGNEE(S):

DAKO A/S;

GERDES, Johannes

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

| | | |
|---------------|----|----------|
| WO 2001055346 | A2 | 20010802 |
|---------------|----|----------|

DESIGNATED STATES

W:

CA JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC
NL PT SE TR

APPLICATION INFO.:

WO 2001-EP717 A 20010123

PRIORITY INFO.:

DE 2000-100 02 803.9 20000124

L3 ANSWER 2 OF 29

PCTFULL COPYRIGHT 2004 Univentio on STN

ACCESSION NUMBER:

1999059640 PCTFULL ED 20020515

TITLE (ENGLISH):

METAL COMPLEXES DERIVATIZED WITH FOLATE FOR USE IN
DIAGNOSTIC AND THERAPEUTIC APPLICATIONS

TITLE (FRENCH):

COMPLEXES METALLIQUES DERIVATISES AVEC UN FOLATE A
VOCATION DIAGNOSTIQUE OU THERAPEUTIQUE

INVENTOR(S):

WEDEKING, Paul, W.;

WAGER, Ruth, E.;

ARUNACHALAM, Thangavel;

RAMALINGAM, Kondareddiar;

LINDER, Karen, E.;

RANGANATHAN, Ramachandran, S.;

NUNN, Adrian, D.;

| | | | |
|---------------------|---|------|----------|
| PATENT ASSIGNEE(S): | RAJU, Natarajan; | | |
| LANGUAGE OF PUBL.: | TWEEDLE, Michael, F. | | |
| DOCUMENT TYPE: | BRACCO INTERNATIONAL B.V. | | |
| PATENT INFORMATION: | English | | |
| | Patent | | |
| | NUMBER | KIND | DATE |
| | ----- | | |
| | WO 9959640 | A2 | 19991125 |
| DESIGNATED STATES | | | |
| W: | AU CA JP NO NZ AT BE CH CY DE DK ES FI FR GB GR IE IT | | |
| | LU MC NL PT SE | | |
| APPLICATION INFO.: | WO 1999-IB858 | A | 19990512 |
| PRIORITY INFO.: | US 1998-09/080,157 | | 19980516 |
| L3 ANSWER 3 OF 29 | PCTFULL COPYRIGHT 2004 Univentio on STN | | |
| ACCESSION NUMBER: | 1998011214 PCTFULL ED 20020514 | | |
| TITLE (ENGLISH): | MAMMALIAN AND HUMAN REC2 | | |
| TITLE (FRENCH): | REC2 MAMMALIEN ET HUMAIN | | |
| INVENTOR(S): | HOLLOMAN, William, K.; | | |
| | RICE, Michael, C.; | | |
| | SMITH, Sheryl, T.; | | |
| | SHU, Zhigang; | | |
| | KMIEC, Eric, B. | | |
| PATENT ASSIGNEE(S): | THOMAS JEFFERSON UNIVERSITY; | | |
| | CORNELL RESEARCH FOUNDATION, INC. | | |
| LANGUAGE OF PUBL.: | English | | |
| DOCUMENT TYPE: | Patent | | |
| PATENT INFORMATION: | | | |
| | NUMBER | KIND | DATE |
| | ----- | | |
| | WO 9811214 | A1 | 19980319 |
| DESIGNATED STATES | | | |
| W: | AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL | | |
| | IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ | | |
| | PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU GH KE LS | | |
| | MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE | | |
| | DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI | | |
| | CM GA GN ML MR NE SN TD TG | | |
| APPLICATION INFO.: | WO 1997-IB1217 | A | 19970911 |
| PRIORITY INFO.: | US 1996-60/025,929 | | 19960911 |
| L3 ANSWER 4 OF 29 | PCTFULL COPYRIGHT 2004 Univentio on STN | | |
| ACCESSION NUMBER: | 1997045743 PCTFULL ED 20020514 | | |
| TITLE (ENGLISH): | A METHOD FOR SELECTING TARGET PATHOGEN INHIBITING | | |
| | SUBSTANCES AND TEST KITS FOR USE THEREIN | | |
| TITLE (FRENCH): | PROCEDE POUR SELECTIONNER DES SUBSTANCES INHIBITRICES | | |
| | PATHOGENES CIBLES ET TROUSSES D'ANALYSES PREVUES POUR | | |
| | ETRE UTILISEES AVEC CES SUBSTANCES | | |
| INVENTOR(S): | LANKINEN, Hilikka; | | |
| | HEISKANEN, Tuomas; | | |
| | VAHERI, Antti; | | |
| | LUNDKVIST, Ake | | |
| PATENT ASSIGNEE(S): | HELSINKI UNIVERSITY LICENSING LTD.; | | |
| | LANKINEN, Hilikka; | | |
| | HEISKANEN, Tuomas; | | |
| | VAHERI, Antti; | | |
| | LUNDKVIST, Ake | | |
| LANGUAGE OF PUBL.: | English | | |
| DOCUMENT TYPE: | Patent | | |
| PATENT INFORMATION: | | | |
| | NUMBER | KIND | DATE |
| | ----- | | |

| | | |
|---------------------|---|-------------|
| | WO 9745743 | A1 19971204 |
| DESIGNATED STATES | | |
| W: | AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG | |
| APPLICATION INFO.: | WO 1997-FI339 | A 19970530 |
| PRIORITY INFO.: | FI 1996-962269 | 19960530 |
| L3 ANSWER 5 OF 29 | PCTFULL COPYRIGHT 2004 Univentio on STN | |
| ACCESSION NUMBER: | 1994017414 PCTFULL ED 20020513 | |
| TITLE (ENGLISH): | METHOD OF DETECTING CARCINOMA | |
| TITLE (FRENCH): | PROCEDE DE DETECTION DU CANCER | |
| INVENTOR(S): | KEYOMARSI, Khandan; PARDEE, Arthur, B. | |
| PATENT ASSIGNEE(S): | DANA FARBER CANCER INSTITUTE; KEYOMARSI, Khandan; PARDEE, Arthur, B. | |
| LANGUAGE OF PUBL.: | English | |
| DOCUMENT TYPE: | Patent | |
| PATENT INFORMATION: | | |
| | NUMBER | KIND DATE |
| | ----- | ----- |
| | WO 9417414 | A1 19940804 |
| DESIGNATED STATES | | |
| W: | AU CA JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE | |
| APPLICATION INFO.: | WO 1994-US1004 | A 19940127 |
| PRIORITY INFO.: | US 1993-8/011,187 | 19930129 |
| L3 ANSWER 6 OF 29 | PCTFULL COPYRIGHT 2004 Univentio on STN | |
| ACCESSION NUMBER: | 1994010300 PCTFULL ED 20020513 | |
| TITLE (ENGLISH): | INTERACTION TRAP SYSTEM FOR ISOLATING NOVEL PROTEINS | |
| TITLE (FRENCH): | SYSTEME DE PIEGEAGE D'INTERACTION POUR L'ISOLATION DE NOUVELLES PROTEINES | |
| INVENTOR(S): | BRENT, Roger; GYURIS, Jenő; GOLEMIS, Erica | |
| PATENT ASSIGNEE(S): | THE GENERAL HOSPITAL CORPORATION | |
| LANGUAGE OF PUBL.: | English | |
| DOCUMENT TYPE: | Patent | |
| PATENT INFORMATION: | | |
| | NUMBER | KIND DATE |
| | ----- | ----- |
| | WO 9410300 | A1 19940511 |
| DESIGNATED STATES | | |
| W: | CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE | |
| APPLICATION INFO.: | WO 1993-US10069 | A 19931020 |
| PRIORITY INFO.: | US 1992-7/969,038 | 19921030 |
| L3 ANSWER 7 OF 29 | USPATFULL on STN | |
| ACCESSION NUMBER: | 2003:282611 USPATFULL | |
| TITLE: | Human cDNAs and proteins and uses thereof | |
| INVENTOR(S): | Bejanin, Stephane, Paris, FRANCE Tanaka, Hiroaki, Antony, FRANCE | |
| PATENT ASSIGNEE(S): | GENSET, S.A., Paris, FRANCE (non-U.S. corporation) | |
| | NUMBER | KIND DATE |
| | ----- | ----- |
| PATENT INFORMATION: | US 2003198954 | A1 20031023 |

APPLICATION INFO.: US 2001-1142 A1 20011114 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2001-924340, filed on 6 Aug
2001, PENDING

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25681 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 8 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:244219 USPATFULL
TITLE: Human cDNAs and proteins and uses thereof
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2003170628 | A1 | 20030911 |
| APPLICATION INFO.: | US 2001-999570 | A1 | 20011114 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING | | |

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25549 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 9 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:231986 USPATFULL
TITLE: Human cDNAs and proteins and uses thereof
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE (non-U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2003162186 A1 20030828
APPLICATION INFO.: US 2002-154678 A1 20020522 (10)

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2001-293574P | 20010525 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-305456P | 20010713 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25533 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:225673 USPATFULL
TITLE: Human cDNAs and proteins and uses thereof
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2003157485 | A1 | 20030821 |
| APPLICATION INFO.: | US 2001-992095 | A1 | 20011113 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25484 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:187887 USPATFULL
TITLE: Diagnostic method for screening complement regulatory protein levels
INVENTOR(S): Martens, Mark G., Jenks, OK, UNITED STATES
Kaul, Anil K., Plymouth, MN, UNITED STATES
Kaul, Rashmi, Plymouth, MN, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|---------------|------|----------|
| PATENT INFORMATION: | US 2003129677 | A1 | 20030710 |

APPLICATION INFO.: US 2002-292130 A1 20021112 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. WO 2001-US14769, filed on 9
May 2001, PENDING

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | US 2000-203967P | 20000512 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. BOX 2938, MINNEAPOLIS, MN, 55402 | |
| NUMBER OF CLAIMS: | 31 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | |
| LINE COUNT: | 1086 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 12 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:180749 USPATFULL
TITLE: Methods of diagnosis of ovarian cancer, compositions
and methods of screening for modulators of ovarian
cancer
INVENTOR(S): Mack, David H., Menlo Park, CA, UNITED STATES
Gish, Kurt C., San Francisco, CA, UNITED STATES
PATENT ASSIGNEE(S): Eos Biotechnology, Inc., South San Francisco, CA (U.S.
corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003124579 | A1 | 20030703 |
| APPLICATION INFO.: | US 2002-235399 | A1 | 20020904 (10) |

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | US 2002-372246P | 20020412 (60) |
| | US 2001-350666P | 20011113 (60) |
| | US 2001-317544P | 20010905 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834 | |
| NUMBER OF CLAIMS: | 24 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 7005 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 13 OF 29 USPATFULL on STN
ACCESSION NUMBER: 2003:180733 USPATFULL
TITLE: System for the internal qualitative and quantitative
validation of marker indices
INVENTOR(S): Gerdes, Johannes, Feldhorst, GERMANY, FEDERAL REPUBLIC
OF

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003124563 | A1 | 20030703 |
| APPLICATION INFO.: | US 2002-182013 | A1 | 20020919 (10) |
| | WO 2001-EP717 | | 20010123 |

| | NUMBER | DATE |
|-----------------------|------------------|----------|
| PRIORITY INFORMATION: | DE 2000-10002803 | 20000124 |
| DOCUMENT TYPE: | Utility | |

FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: David E Brook, Hamilton Brook Smith & Reynolds, 530
 Virginia Road, PO Box 9133, Concord, MA, 01742-9133
 NUMBER OF CLAIMS: 24
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 3 Drawing Page(s)
 LINE COUNT: 864
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 29 USPATFULL on STN
 ACCESSION NUMBER: 2003:140406 USPATFULL
 TITLE: Human cDNAs and proteins and uses thereof
 INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
 Tanaka, Hiroaki, Antony, FRANCE
 PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003096247 | A1 | 20030522 |
| APPLICATION INFO.: | US 2001-986 | A1 | 20011114 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING | | |

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25656 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 15 OF 29 USPATFULL on STN
 ACCESSION NUMBER: 2003:133926 USPATFULL
 TITLE: Human cDNAs and proteins and uses thereof
 INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
 Tanaka, Hiroaki, Antony, FRANCE
 PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.
 corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003092011 | A1 | 20030515 |
| APPLICATION INFO.: | US 2001-489 | A1 | 20011114 (10) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING | | |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609
 NUMBER OF CLAIMS: 13
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 4 Drawing Page(s)
 LINE COUNT: 25607
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 29 USPATFULL on STN
 ACCESSION NUMBER: 2003:120092 USPATFULL
 TITLE: Cell cycle protein
 INVENTOR(S): Walker, Michael G., Sunnyvale, CA, UNITED STATES
 Yue, Henry, Sunnyvale, CA, UNITED STATES
 Thangavelu, Kavitha, Mountain View, CA, UNITED STATES
 Streeter, David G., Boulder Creek, CA, UNITED STATES

| | NUMBER | KIND | DATE |
|--|---|------|---------------|
| PATENT INFORMATION: | US 2003082573 | A1 | 20030501 |
| APPLICATION INFO.: | US 2002-124436 | A1 | 20020415 (10) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2001-US26682, filed on 27 Aug 2001, PENDING | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | INCYTE GENOMICS, INC., 3160 PORTER DRIVE, PALO ALTO, CA, 94304 | | |
| NUMBER OF CLAIMS: | 28 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 10 Drawing Page(s) | | |
| LINE COUNT: | 2577 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L3 ANSWER 17 OF 29 USPATFULL on STN
 ACCESSION NUMBER: 2003:37603 USPATFULL
 TITLE: Human cDNAs and proteins and uses thereof
 INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
 Tanaka, Hiroaki, Antony, FRANCE
 PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2003027248 | A1 | 20030206 |
| APPLICATION INFO.: | US 2001-924340 | A1 | 20010806 (9) |

| | NUMBER | DATE |
|--|---|---------------|
| PRIORITY INFORMATION: | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | GENSET, JOHN LUCAS, PHD, J.D., 10665 SORRENTO VALLEY RD, SAN DIEGO, CA, 92121 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25650 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 18 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:37516 USPATFULL
TITLE: Human cDNAs and proteins and uses thereof
INVENTOR(S): Bejanin, Stephane, Paris, FRANCE
Tanaka, Hiroaki, Antony, FRANCE
PATENT ASSIGNEE(S): GENSET, S.A., Paris, FRANCE, 75008 (non-U.S.
corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 2003027161 | A1 | 20030206 |
| APPLICATION INFO.: | US 2001-992600 | A1 | 20011113 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING | | |

| | NUMBER | DATE |
|--|--|---------------|
| PRIORITY INFORMATION: | WO 2001-IB1715 | 20010806 |
| | US 2001-305456P | 20010713 (60) |
| | US 2001-302277P | 20010629 (60) |
| | US 2001-298698P | 20010615 (60) |
| | US 2001-293574P | 20010525 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | John Lucas, Ph.D., J.D., GENSET CORP., 10665 Sorrento Valley Road, San Diego, CA, 92121-1609 | |
| NUMBER OF CLAIMS: | 13 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 4 Drawing Page(s) | |
| LINE COUNT: | 25529 | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | |

L3 ANSWER 19 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:33309 USPATFULL
TITLE: Probe for the early detection of displasias in multilayer tessellated epithelium and for the diagnosis and therapy of carcinomas
INVENTOR(S): Peters, Heiko, Oberschleissheim, GERMANY, FEDERAL REPUBLIC OF
Balling, Rudolf, Munchen, GERMANY, FEDERAL REPUBLIC OF
Hofler, Heinz, Munchen, GERMANY, FEDERAL REPUBLIC OF
Richter, Thomas, Friedrichstrasse, GERMANY, FEDERAL REPUBLIC OF
PATENT ASSIGNEE(S): GSF-Forschungszentrum fur Umwelt und Gesundheit GmbH, Oberschleissheim, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6514712 | B1 | 20030204 |
| | WO 9730153 | | 19970821 |
| APPLICATION INFO.: | US 1998-930830 | | 19980116 (8) |
| | WO 1997-EP564 | | 19970207 |

| | NUMBER | DATE |
|-----------------------|------------------------|----------|
| PRIORITY INFORMATION: | DE 1996-19605105 | 19960212 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Caputa, Anthony C. | |
| ASSISTANT EXAMINER: | Nickol, Gary B. | |
| LEGAL REPRESENTATIVE: | Nixon & Vanderhye P.C. | |
| NUMBER OF CLAIMS: | 11 | |

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Figure(s); 8 Drawing Page(s)
LINE COUNT: 1169
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:185623 USPATFULL
TITLE: Class characterization of circulating cancer cells
isolated from body fluids and methods of use
INVENTOR(S): Wang, Zheng-Pin, Ellicott City, MD, UNITED STATES
TS'O, Paul O.P., Ellicott City, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2002098535 | A1 | 20020725 |
| APPLICATION INFO.: | US 2000-501179 | A1 | 20000210 (9) |

| | NUMBER | DATE |
|-----------------------|---|----------------|
| PRIORITY INFORMATION: | US 1999-159558P | 19991015 (60). |
| | US 1999-119460P | 19990210 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | Sterne Kessler Goldstein & Fox PLLC, Attorneys at Law, Suite 600, 1100 New York Avenue NW, Washington, DC, 20005-3934 | |
| NUMBER OF CLAIMS: | 26 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 23 Drawing Page(s) | |
| LINE COUNT: | 1762 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 21 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:152379 USPATFULL
TITLE: Mammalian and human REC2
INVENTOR(S): Kmiec, Eric B., Yardley, PA, United States
Holloman, William K., Yorktown Heights, NY, United States
Rice, Michael C., Newtown, PA, United States
Smith, Sheryl T., Bryn Mar, PA, United States
Shu, Zhigang, Bensalem, PA, United States
PATENT ASSIGNEE(S): Thomas Jefferson University, Philadelphia, PA, United States (U.S. corporation)
Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6410226 | B1 | 20020625 |
| APPLICATION INFO.: | US 1997-927165 | | 19970911 (8) |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1996-25929P | 19960911 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Jones, W. Gary | |
| ASSISTANT EXAMINER: | Souaya, Jehanne | |
| LEGAL REPRESENTATIVE: | Drinker Biddle & Reath LLP | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 24 Drawing Figure(s); 24 Drawing Page(s) | |
| LINE COUNT: | 1342 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 22 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:39764 USPATFULL
TITLE: Methods for detection and evaluation of bladder cancer
INVENTOR(S): Lokeshwar, Vinata B., 12615 SW. 112 Ct., Miami, FL,
United States 33176
Pham, Henry T., 6550 Mapleridge, Suite 122, Houston,
TX, United States 77081

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 6350571 | B1 | 20020226 |
| APPLICATION INFO.: | US 1999-265604 | | 19990310 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1997-790821, filed on 30 Jan 1997, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1996-10976P | 19960201 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Caputa, Anthony C. | |
| ASSISTANT EXAMINER: | Nickol, Gary B | |
| LEGAL REPRESENTATIVE: | Whitlock, Ted W. | |
| NUMBER OF CLAIMS: | 8 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 13 Drawing Figure(s); 13 Drawing Page(s) | |
| LINE COUNT: | 2084 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1999:7247 USPATFULL
TITLE: Immunoassays for human cyclin E
INVENTOR(S): Roberts, James M., Seattle, WA, United States
Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States
PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research, Seattle, WA, United
States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 5861259 | | 19990119 |
| APPLICATION INFO.: | US 1995-480912 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-947311, filed on 16 Sep 1992, now patented, Pat. No. US 5449755 which is a continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Spiegel, Carol A. | | |
| LEGAL REPRESENTATIVE: | Christensen O'Connor Johnson & Kindness PLLC | | |
| NUMBER OF CLAIMS: | 15 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 43 Drawing Figure(s); 28 Drawing Page(s) | | |
| LINE COUNT: | 3502 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 24 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:111786 USPATFULL
TITLE: Human cyclin E
INVENTOR(S): Roberts, James M., Seattle, WA, United States

PATENT ASSIGNEE(S): Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States
Fred Hutchinson Cancer Research Center, Seattle, WA,
United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--|--|------|--------------|
| PATENT INFORMATION: | US 5807698 | | 19980915 |
| APPLICATION INFO.: | US 1995-488382 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-947311, filed on 16 Sep 1992, now patented, Pat. No. US 5449755 which is a continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Arthur, Lisa B. | | |
| LEGAL REPRESENTATIVE: | Christensen O'Connor Johnson & Kindness PLLC | | |
| NUMBER OF CLAIMS: | 12 | | |
| EXEMPLARY CLAIM: | 1,7,8,9 | | |
| NUMBER OF DRAWINGS: | 42 Drawing Figure(s); 28 Drawing Page(s) | | |
| LINE COUNT: | 3478 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L3 ANSWER 25 OF 29 USPATFULL on STN
ACCESSION NUMBER: 1998:86030 USPATFULL
TITLE: Human cyclin E polypeptides
INVENTOR(S): Roberts, James M., Seattle, WA, United States
Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States
PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research Center, Seattle, WA,
United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--|---|------|--------------|
| PATENT INFORMATION: | US 5783661 | | 19980721 |
| APPLICATION INFO.: | US 1995-522166 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-947311, filed on 16 Sep 1992, now patented, Pat. No. US 5449755, issued on 12 Sep 1995 which is a continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Arthur, Lisa B. | | |
| LEGAL REPRESENTATIVE: | Christensen O'Connor Johnson & Kindness PLLC | | |
| NUMBER OF CLAIMS: | 6 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 43 Drawing Figure(s); 28 Drawing Page(s) | | |
| LINE COUNT: | 3458 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L3 ANSWER 26 OF 29 USPATFULL on STN
ACCESSION NUMBER: 97:59062 USPATFULL
TITLE: Assays for compounds that modulate or alter cyclin E activity
INVENTOR(S): Roberts, James M., Seattle, WA, United States
Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States
PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research Center, Seattle, WA,
United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--|--|------|--------------|
| PATENT INFORMATION: | US 5645999 | | 19970708 |
| APPLICATION INFO.: | US 1995-485859 | | 19950607 (8) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1992-947311, filed on 16 Sep 1992, now patented, Pat. No. US 5449755 which is a continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Fleischer, Mindy | | |
| ASSISTANT EXAMINER: | Railey, II, Johnny F. | | |
| LEGAL REPRESENTATIVE: | Christensen O'Connor Johnson & Kindness PLLC | | |
| NUMBER OF CLAIMS: | 8 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 43 Drawing Figure(s); 27 Drawing Page(s) | | |
| LINE COUNT: | 3428 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L3 ANSWER 27 OF 29 USPATFULL on STN

ACCESSION NUMBER: 95:82349 USPATFULL

TITLE: Human cyclin E

INVENTOR(S): Roberts, James M., Seattle, WA, United States
Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States

PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research Center, Seattle, WA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|--|--|------|--------------|
| PATENT INFORMATION: | US 5449755 | | 19950912 |
| APPLICATION INFO.: | US 1992-947311 | | 19920916 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Parr, Margaret | | |
| ASSISTANT EXAMINER: | Arthur, Lisa | | |
| LEGAL REPRESENTATIVE: | Christensen, O'Connor Johnson & Kindness | | |
| NUMBER OF CLAIMS: | 4 | | |
| EXEMPLARY CLAIM: | 2 | | |
| NUMBER OF DRAWINGS: | 43 Drawing Figure(s); 27 Drawing Page(s) | | |
| LINE COUNT: | 3463 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |

L3 ANSWER 28 OF 29 USPATFULL on STN

ACCESSION NUMBER: 86:26791 USPATFULL

TITLE: Method and apparatus for the diagnosis of tissue samples

INVENTOR(S): Binder, Arnold, Im Munchfeld 9, 6500 Mainz 1, Germany, Federal Republic of

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 4587428 | | 19860506 |
| APPLICATION INFO.: | US 1983-539124 | | 19831005 (6) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1981-303570, filed on 18 Sep 1981, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|-----------------|----------|
| PRIORITY INFORMATION: | DE 1980-3036610 | 19800929 |

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Smith, Alfred E.
ASSISTANT EXAMINER: Hannaher, Constantine
LEGAL REPRESENTATIVE: Toren, McGeady, Stanger, Goldberg & Kiel
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 417

L3 ANSWER 29 OF 29 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 798386 EUROPATFULL EW 199740 FS OS
TITLE: Procedure for the analysis of the cell cycle of cell subpopulations present in heterogeneous cell samples.
Verfahren zur Analyse vom Zellzyklus von Zellsubpopulationen aus heterogenen Zellproben.
Procede d'analyse du cycle cellulaire de sous-populations de cellules presentes dans des echantillons de cellules heterogenes.
INVENTOR(S): Orfao de Matos Correia e Vale, Jose Alberto, Faisanes 64, Urbanizacion Valdelagua, 37194 Santa Maria de Tormes, Salamanca, ES
PATENT ASSIGNEE(S): UNIVERSIDAD DE SALAMANCA, Patio de Escuelas Menores, no.1-1o, E-37007 Salamanca, ES
PATENT ASSIGNEE NO: 1669360
AGENT: Hernandez Covarrubias, Arturo, c/o Clarke, Modet & Co., Avda. de los Encuartes 21, 28760 Tres Cantos (Madrid), ES
AGENT NUMBER: 56581
OTHER SOURCE: ESP1997060 EP 0798386 A1 971001
SOURCE: Wila-EPZ-1997-H40-T1a
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Spanisch; Veroeffentlichung in Englisch; Verfahren in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

| PATENT NO | KIND | DATE |
|------------------------|----------------|----------|
| EP 798386 | A1 | 19971001 |
| 'OFFENLEGUNGS' DATE: | | 19971001 |
| APPLICATION INFO.: | EP 1997-500058 | 19970325 |
| PRIORITY APPLN. INFO.: | ES 1996-715 | 19960326 |

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L3 ANSWER 29 OF 29 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 798386 EUROPATFULL EW 199740 FS OS
TITLE: Procedure for the analysis of the cell cycle of cell subpopulations present in heterogeneous cell samples.
Verfahren zur Analyse vom Zellzyklus von Zellsubpopulationen aus heterogenen Zellproben.
Procede d'analyse du cycle cellulaire de sous-populations de cellules presentes dans des echantillons de cellules heterogenes.

INVENTOR(S): Orfao de Matos Correia e Vale, Jose Alberto, Faisanes
64, Urbanizacion Valdelagua, 37194 Santa Maria de
Tormes, Salamanca, ES

PATENT ASSIGNEE(S): UNIVERSIDAD DE SALAMANCA, Patio de Escuelas Menores,
no.1-1o, E-37007 Salamanca, ES

PATENT ASSIGNEE NO: 1669360

AGENT: Hernandez Covarrubias, Arturo, c/o Clarke, Modet & Co.,
Avda. de los Encuartes 21, 28760 Tres Cantos (Madrid),
ES

AGENT NUMBER: 56581

OTHER SOURCE: ESP1997060 EP 0798386 A1 971001

SOURCE: Wila-EPZ-1997-H40-T1a

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Spanisch; Veroeffentlichung in Englisch;
Verfahren in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R FI; R FR; R GB; R GR; R
IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG

PATENT INFORMATION:

| PATENT NO | KIND DATE |
|-----------|-------------|
| EP 798386 | A1 19971001 |

'OFFENLEGUNGS' DATE: 19971001

APPLICATION INFO.: EP 1997-500058 19970325

PRIORITY APPLN. INFO.: ES 1996-715 19960326

DETDEN. . . prepares the cell for division (M-phase). Cell cycle analysis,
mainly through the study of the distribution of cells throughout the G0/
G1, S and G2-M cell cycle phases has proven to be of
use in the analysis of **tumor** samples and the study of the
proliferative response to different stimuli as well as in other areas.
Overall, the method is of enormous value, not only to gain insight in
The area of cell biology but also for **diagnostic**, prognostic
and therapeutic purposes. Of the different methodologies used today the
most extensively employed is based on the staining of. . . amount of
fluorescence/DNA obtained and using mathematical models, the proportion
of cells from a certain sample which are in the G0/G1, S and
G2/M cell cycle phases is calculated. One of the major pitfalls
for the analysis of the cell cycle in samples obtained in vivo is the
frequent absence of pure cell populations; Frequently (i.e. in
tumor samples or other biological samples) a mixture of
different cell types exists at variable proportions which may present a
different. . . the possibility of performing staining with monoclonal
antibodies and a DNA fluorochrome in order to specifically analyze the
distribution of **tumor** cells along the different cell cycle
phases. However various factors make it more difficult to differentiate
the cells for specific. . . identification from the remaining cells
in order to analyze their cell cycle distribution. These factors
include: the heterogeneity of the **tumor** cells regarding
expression of an individual marker (either within the same **tumor**
sample or between different **tumor** samples from different
patients with the same **diagnosis**), the use of fluorochromes
that bind specifically to the DNA which absorb part of the fluorescence
associated with the monoclonal. . .

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L3 ANSWER 28 OF 29 USPATFULL on STN

ACCESSION NUMBER: 86:26791 USPATFULL

TITLE: Method and apparatus for the diagnosis of tissue
samples

INVENTOR(S): Binder, Arnold, Im Munchfeld 9, 6500 Mainz 1, Germany,
Federal Republic of

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 4587428 | | 19860506 |
| APPLICATION INFO.: | US 1983-539124 | | 19831005 (6) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1981-303570, filed on 18 Sep 1981, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | DE 1980-3036610 | 19800929 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Smith, Alfred E. | |
| ASSISTANT EXAMINER: | Hannaher, Constantine | |
| LEGAL REPRESENTATIVE: | Toren, McGeedy, Stanger, Goldberg & Kiel | |
| NUMBER OF CLAIMS: | 10 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 3 Drawing Figure(s); 3 Drawing Page(s) | |
| LINE COUNT: | 417 | |

DETD In addition to **diagnosis** of **malignancy**, the grade of the **malignancy** or the so-called histological grade can also be stated by the D/Z diagram as well as other tissue characteristics. A closer examination of the D/Z diagram shown by way of example in FIG. 3 will show that the **malignant** areas contain designations **G1**, **G2**, **G3**. For example, the areas denoted **G3** are correlated with **malignant** tissue of histological grade **G3**. For the designations **G1** and **G2**, the same correlation applies regarding histological grades **G1** and **G2**.

=> d ibib kwic 27

L3 ANSWER 27 OF 29 USPATFULL on STN

ACCESSION NUMBER: 95:82349 USPATFULL

TITLE: Human cyclin E

INVENTOR(S): Roberts, James M., Seattle, WA, United States
Ohtsubo, Motoaki, Seattle, WA, United States
Koff, Andrew C., Seattle, WA, United States
Cross, Frederick, New York, NY, United States

PATENT ASSIGNEE(S): Fred Hutchinson Cancer Research Center, Seattle, WA, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 5449755 | | 19950912 |
| APPLICATION INFO.: | US 1992-947311 | | 19920916 (7) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1991-764309, filed on 20 Sep 1991, now abandoned | | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |
| PRIMARY EXAMINER: | Parr, Margaret | | |
| ASSISTANT EXAMINER: | Arthur, Lisa | | |
| LEGAL REPRESENTATIVE: | Christensen, O'Connor Johnson & Kindness | | |
| NUMBER OF CLAIMS: | 4 | | |
| EXEMPLARY CLAIM: | 2 | | |
| NUMBER OF DRAWINGS: | 43 Drawing Figure(s); 27 Drawing Page(s) | | |
| LINE COUNT: | 3463 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD In other embodiments, the invention provides **diagnostic** assays for measuring the absolute levels (or functional activities) of cyclin E:CDK 2 polypeptide complexes in asynchronous cells, and the . . . 2 may lead to differences in the levels of the cyclin E:CDK 2 complexes

that are detectably different during the G1, G2, M, and S phase of the cell cycle. The subject assays that determine the levels of cyclin E/CDK 2 complexes in cells may be useful in assessing malignant cells from patients, e.g., as described above.

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L3 ANSWER 22 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:39764 USPATFULL
TITLE: Methods for detection and evaluation of bladder cancer
INVENTOR(S): Lokeshwar, Vinata B., 12615 SW. 112 Ct., Miami, FL,
United States 33176
Pham, Henry T., 6550 Mapleridge, Suite 122, Houston,
TX, United States 77081

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 6350571 | B1 | 20020226 |
| APPLICATION INFO.: | US 1999-265604 | | 19990310 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1997-790821, filed on 30 Jan 1997, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1996-10976P | 19960201 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Caputa, Anthony C. | |
| ASSISTANT EXAMINER: | Nickol, Gary B | |
| LEGAL REPRESENTATIVE: | Whitlock, Ted W. | |
| NUMBER OF CLAIMS: | 8 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 13 Drawing Figure(s); 13 Drawing Page(s) | |
| LINE COUNT: | 2084 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD As sown in Table 13, the HAase test detected G1, G2 and G3 bladder tumors with sensitivity values of 12.1%, 88% and 91.3%. This suggested that the HAase test preferentially detected intermediate- to high-grade bladder tumors (.gtoreq.G2). However, the results presented in Table 14 show that the HAase test detects high-grade bladder tumors of all stages with very similar sensitivity. For example, the HAase test detected high-grade bladder tumors of stages Ta, T1, T2+ and CIS with a sensitivity of 85%, 87.6%, 91% and 88% respectively. This also suggest that the HAase test is capable of detecting high-grade tumors prior to invasion (stages Ta or T1) with high sensitivity and can be used for the early detection of these class of bladder tumors.

=> log h

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 43.86 | 44.07 |

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 18:31:04 ON 26 JAN 2004

Connecting via Winsock to STN